

Parameter	Value	Unit
Temperature	25.0	°C
Pressure	1.0	atm
Flow rate	1.0	L/min
Concentration	0.1	mol/L
pH	7.0	
Wavelength	254	nm
Scan rate	1.0	nm/min
Integration time	1.0	s
Resolution	0.5	nm
Detector	Photodiode array	
Injection volume	10	μL
Column	C18	
Mobile phase	Water/Acetonitrile	
Gradient	0-100% ACN in 10 min	
Flow rate	1.0	mL/min
Temperature	30.0	°C
Wavelength	254	nm
Scan rate	1.0	nm/min
Integration time	1.0	s
Resolution	0.5	nm
Detector	Photodiode array	
Injection volume	10	μL
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Temperature	30.0	°C
Wavelength	254	nm
Scan rate	1.0	nm/min
Integration time	1.0	s
Resolution	0.5	

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## Express Mail Label No.

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

*See MPEP chapter 600 concerning utility patent application contents.*

ADDRESS TO:

- Free Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
1. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
2. ☒ Specification [Total Pages (preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 

4. Oath or Declaration [Total Pages 

a. ☒ Newly executed (original or copy)

b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)

i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).

5. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

### ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☐ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: /

**Prior application information:**

Examiner \_\_\_\_\_

**Group Art Unit:**

**For CONTINUATION OR DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Label

(Insert Customer No. or Attach our name label here)

or ☒ Correspondence address below

Name

KEXIN MA

1232 MT. OLIVET ROAD

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**Zip Code**

20002

Country

U.S.A.

**Telephone**

202-438-3246

**Fax**

202-547-8824

Name (Print/Type)

KEXIN, MA

Registration No. (Attorney/Agent)

**Signature**

*Mark Reed*

Date \_\_\_\_\_

Oct. 18, 200

**Burden Hour Statement:** This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$)370.00

## Complete if Known

Application Number

Filing Date

First Named Inventor

CHEN PING

Examiner Name

Group Art Unit

Attorney Docket No.

## METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

Deposit  
Account  
Name

☐ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17

☒ Applicant claims small entity status.  
See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check

☒ Credit card

☐ Money  
Order

☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Small Entity

Fee Fee Fee Fee

Code (\$) Code (\$) Code (\$) Code (\$)

Fee Description

Fee Paid

101 710 201 355 Utility filing fee

106 320 206 160 Design filing fee

107 490 207 245 Plant filing fee

108 710 208 355 Reissue filing fee

114 150 214 75 Provisional filing fee

SUBTOTAL (1) (\$)370.00

### 2. EXTRA CLAIM FEES

Total Claims  -20\*\* =  X  =   
Independent Claims  -3\*\* =  X  =   
Multiple Dependent  =

Large Entity Small Entity

Fee Fee Fee Fee

Code (\$) Code (\$) Code (\$) Code (\$)

Fee Description

103 18 203 9 Claims in excess of 20

102 80 202 40 Independent claims in excess of 3

104 270 204 135 Multiple dependent claim, if not paid

109 80 209 40 \*\* Reissue independent claims  
over original patent

110 18 210 9 \*\* Reissue claims in excess of 20  
and over original patent

SUBTOTAL (2)

(\$)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large  
Entity

Small  
Entity

Fee Fee Fee Fee

Code (\$) Code (\$) Code (\$) Code (\$)

Fee Description

Fee Paid

105 130 205 65 Surcharge - late filing fee or oath

127 50 227 25 Surcharge - late provisional filing fee or  
cover sheet

139 130 139 130 Non-English specification

147 2,520 147 2,520 For filing a request for *ex parte* reexamination

112 920\* 112 920\* Requesting publication of SIR prior to  
Examiner action

113 1,840\* 113 1,840\* Requesting publication of SIR after  
Examiner action

115 110 215 55 Extension for reply within first month

116 390 216 195 Extension for reply within second month

117 890 217 445 Extension for reply within third month

118 1,390 218 695 Extension for reply within fourth month

128 1,890 228 945 Extension for reply within fifth month

119 310 219 155 Notice of Appeal

120 310 220 155 Filing a brief in support of an appeal

121 270 221 135 Request for oral hearing

138 1,510 138 1,510 Petition to institute a public use proceeding

140 110 240 55 Petition to revive - unavoidable

141 1,240 241 620 Petition to revive - unintentional

142 1,240 242 620 Utility issue fee (or reissue)

143 440 243 220 Design issue fee

144 600 244 300 Plant issue fee

122 130 122 130 Petitions to the Commissioner

123 50 123 50 Processing fee under 37 CFR 1.17(q)

126 180 126 180 Submission of Information Disclosure Stmt

581 40 581 40 Recording each patent assignment per  
property (times number of properties)

146 710 246 355 Filing a submission after final rejection  
(37 CFR § 1.129(a))

149 710 249 355 For each additional invention to be  
examined (37 CFR § 1.129(b))

179 710 279 355 Request for Continued Examination (RCE)

169 900 169 900 Request for expedited examination  
of a design application

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

## SUBMITTED BY

Name (Print/Type)

KEXIN MA

Registration No.  
(Attorney/Agent)

## Complete (if applicable)

Telephone

202-438-3246

Signature

*[Signature]*

Date

Oct. 18, 2001

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

# NOTICE OF FEE DUE

DATE: 11-19-01

TO: Formality

FROM: Office of Initial Patent Examination

SUBJECT: Fee Due

APPLICATION NUMBER: 09987770

A fee is due for the attached document submitted to the U. S. Patent and Trademark Office for the following reason. Please check the application for the appropriate authorization to charge a deposit account. If an authorization is present, please charge the appropriate fee. If an authorization is not present, notify the applicant of the fee deficiency.

- ☐ Insufficient fee by check
- ☐ Insufficient funds in deposit account
- ☒ <sup>Insuff. Fee by</sup> ~~Declined~~ credit card
- ☒ Non authorization for charge to deposit account
- ☐ No fee submitted per requirement

The correct fee code:	<u>203</u> <del>x</del> <u>13</u>	amount	\$ <u>117</u>
	<u>204</u> <del>x</del> <u>1</u>		\$ <u>140</u>
The suspended fee code: 197		amount	- \$ <u>—</u>
Fee Due		amount	= \$ <u>257</u>

If you have any questions, please contact Cynthia Streater at 703-306-5430 or Eleanor Kurtz at 703-308-3642.

Terminal Operator Yaneday M. Polite

FORM 042860

## CERTIFICATE

This is to certify that the attachment to this document is the duplication of the following patent application submitted to this Bureau.

Application Date: November 16,2000  
Application Number: 00 2 59194.4  
Application Type: Utility Model  
Title of Invention: Light-Emitting Diode Illuminated  
Light-Emitting Module  
Applicant: Chen Ping

Director: Wang Jin Cuan  
People's Republic of China  
Intellectual Property Office  
July 2,2001





上海嘉利萊實業有限公司  
SHANGHAI JALILAI INDUSTRIAL CO., LTD.

Aug. 18, 2001

## Trust Deed

This is to entrust MA Kexin as my representative and to be fully responsible for the patent application process in the United States for my invention "Light-Emitting Diode Illuminated Light-Emitting Module"

Ms. Ma Kexin's mailing address in the United States is:

1232 Mt. Olivet Road, NE  
Washington, DC 20002  
Tel.: 202-438-3246  
Fax: 202-547-8824

Inventor

陈萍 CHEN PING

Chen Ping

## Petition for Grant of a Patent

1. The applicant, **CHEN Ping**, whose complete address is 1-398 S. Henan Road, #2F Shanghai, 200010, Tel.: 21-6326-2464, Fax: 21-6336-2621 China, requests the grant of a patent for an invention entitled Light-Emitting Diode Illuminated Light-Emitting Modul, which is described and claimed in the accompanying specification.
2. This application is a division of application number \_\_\_\_\_, filed in the United States on \_\_\_\_\_.
3. (1) The applicant is the sole inventor.  
(2) The inventor is CHEN Ping, whose complete address is 1-398 S. Henan Road, #2F Shanghai, 200010, Tel.: 21-6326-2464, Fax: 21-6336-2621 China, and the applicant owns in United States the whole interest in the invention.
4. The applicants request priority in respect of the application on the basis of the following previously regularly filed application.

Country of filing	Application number	Filing date
<u>P. R. of China</u>	<u>00259194.4</u>	<u>November 16, 2000</u>
5. The applicant appoint **MA Kexin**, whose complete address in the United States is 1232 Mt. Olivet Road, NE Washington DC 20002, Tel.: 202-438-3246, Fax: 202-547-8824, as the applicants' representative in the United States, pursuant to section 29 of the *Patent Act*.
6. The applicants appoint \_\_\_\_\_, whose complete address is \_\_\_\_\_, as the applicants' patent agent.
7. The applicants believes that the applicant is entitled to claim status as a "small entity" as defined under section 2 of the *Patent Rules*.
8. The applicants request that the Figure No. 1 of the drawings accompany the abstract when it is open to public inspection under section 10 of the Patent act or published.

Applicant: CHEN Ping

Signature: 陈萍 CHEN PING

Date: August 18, 2001

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6. A Certificate of the Patent Specification
7. Patent Specification ( 7 pages )
8. Drawings ( 2 pages )
9. Declaration ( 3 pages )
10. Trust Deed and Petition ( 2 pages )